

REMARKS

Claims 1-25 remain in this application. Claims 1, 10, and 19 have been amended to put these claims into better form. The Office Action has indicated that claims 2-6, 11-18 and 20-25 are allowed.

REJECTIONS TO THE CLAIMS UNDER 35 U.S.C. § 103(a)

Claims 1, 7-10, and 19 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 4,438,501 to Weber ("Weber") in view of U.S. Patent No. 5,481,568 to Yada ("Yada").

The rejections of these claims remain unchanged from the previous Office Action. In the Response to Arguments section of the current Office Action, the Examiner appears to be interpreting each of these claims such that only one of the bits on either side of the sample bit need be of an opposite logic value than the sample bit. Claim 1, prior to amendment, stated that "bits" on either side of the sample bid had an opposite logic value. Accordingly, though proposed amendments to claims 1, 9 and 19 have been made, it is believed that the scope of these claims has not been changed.

Applicants' arguments from the preceding Amendment are applicable here. The Weber and Yada references fail to teach or suggest determination of whether adjacent bits to a sample bit have an opposite logic value to the sample bit and outputting the sample bit with its logic value inverted. Accordingly, reconsideration and withdrawal of the rejection of claims 1, 7-10 and 19 under 35 U.S.C. § 103(a) is respectfully requested.

S/N 09/750,090
Response to Office Action Dated 10/18/04
Amendment dated 3/18/05

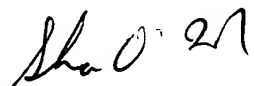
CONCLUSION

For all the above reasons, the Applicant respectfully submits that this application is in condition for allowance. A Notice of Allowance is earnestly solicited.

The Examiner is invited to contact the undersigned at (202) 220-4200 to discuss any matter concerning this application. The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 11-0600.

Respectfully submitted,
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